s	Model	Banggood [1]	GetFPV [2]	Amazon [3]	Others	Reviews	Price [4]	MCU [5]	Gyro [6]	Size [7]	Weight [8]	Type [9]	Min Volts [10	Max Volts [11	Built-in PDB [12]	Built-in VTX	Built-in RX	Built-in ESC	uilt-in ESC Amps [13]	Betaflight [14]	iNav	KISS [15]	aceflight [16	Available UART [17]	SmartPort [18]	Soft Mount [19]	Motor Outputs [20]	ESC Signal Ground [21]	SC Telemetry Pads [22]	3.3V [23]	BEC 1 [24]	BEC 2 [25]	BF OSD [26]	Blackbox	Current Sensor	i2c Pads [27]	Barometer [28]	Camera Control [29]	DAC [30]	4in1 ESC Header	DJI PNP [31]	Date Added	Comment
Airbot	Asgard AIO V2		-aio-flight-controller-f4-	ttp://amzn.to/2ppGm3j			88	F4	MPU6000	30mm	14		2S	4S	Yes	No	No	Yes	24	Yes		No	No	1	No	No	4			Yes	5V @ 1.5A	None	Yes	SD Card	Yes	No	No	No	No	No		2018 April	
Airbot	Asgard32			http://amzn.to/2GINkIV			80	F4	MPU6000	30mm			3S	4S	Yes	No	No	Yes	35	Yes		No	No	5	No	No	4			Yes	5V @ 1A	None	Yes	SD Card	Yes	No	BMP280	No	No	No		2018 April	
Airbot	Firework V2	http://bit.ly/2MyLnE1		ttps://amzn.to/2MxsUY(		rliang.com/omnibus-fire	50	F4	ICM20608	30			3S	6S	Yes	No	No	No		Yes		No	No	4	No	Soft Mounted Gyro	4	Yes	Yes	Yes	5V @ 1A	9V @ 1A	Yes		Yes	Yes	No	Yes	No	Yes		2018 June	
Airbot	NOX V2				store.myairbot.com/nox		100	F4	MPU6000	20mm	20				Yes	No	No	Yes	35	Yes		No	No		No	No	4				5V @ 0.5A	None	Yes	No	Yes	No	BMP280	No	No	No		2018 April	
Airbot	Omnibus F3 PRO V2	http://bit.ly/2xRdlT3					28	F3	MPU6000	30mm			2S	6S	No	No	No	No		Yes		No	No		Yes	No	6	Yes	No		5V @ 3A	None	Yes	SD Card	Yes		Optional	No	No	Yes		2018 April	
Airbot	Omnibus F4	https://goo.gl/nqNTNq		ttp://amzn.to/2u22RAD			27	F4	MPU6000	30mm					No	No	No	No		Yes		No	No	3	No	No	6	No	No	Yes	5V @ 3A	None	Yes	SD Card	No	No	BMP280	No	No	Yes		2018 April	
Airbot	Omnibus F4 Nano	http://bit.ly/2N8cZwc			20-stacks/products/omn		30	F4	MPU6000	20mm			2S	6S	No	No	No	No		Yes		No	No	3	No	No	4				5V @ 2A	None	Yes	Flash 16MB	No	No	BMP280	No	No	Yes		2018 July	
Airbot	Omnibus F4 Nano Stack	http://bit.ly/2RhJOds	er.html?cmid=eHZ3Y2tB		http://bit.ly/2S1gXOp		68	F4	MPU6000	20mm			2S	4S	Yes	No	No	4in1	25	Yes		No	No	3	No	No	4				5V @ 2A	None	Yes	Flash 16MB	No	No	BMP280	No	No	Yes		2018 October	
Airbot	Omnibus F4 Pro Corner	http://bit.ly/2DEL3LA		ttp://amzn.to/2G6v51W			33	F4	MPU6000	30mm	12.2		3S	6S	Yes	No	No	No		Yes		No	No	3	Yes	Soft Mounted Gyro	6	Yes	Yes	Yes	5V @ 1A	None	Yes	SD Card	Yes	No	Yes	No	No	Yes		2018 April	
Airbot	Omnibus F4 Pro Corner	http://bit.ly/2moAlxG		ttp://amzn.to/2G6v51W			33	F4	ICM20608	30mm	12.2		3S	6S	Yes	No	No	No		Yes		No	No	3	Yes	Soft Mounted Gyro	6	Yes	Yes	Yes	5V @ 1A	None	Yes	SD Card	Yes	No	Yes	No	No	Yes		2018 April	
Airbot	Omnibus F4 Pro V3	http://bit.ly/2xOE2YJ		ttps://amzn.to/2SIq6AP	http://bit.ly/2G1jSQR		35	F4	MPU6000	30mm					No	No	No	No		Yes		No	No	3	No	No	6	No	No	Yes	5V @ 3A	None	Yes	SD Card	Yes	No	BMP280	No	No	Yes		2018 October	
Airbot	Omnibus F4 V6	http://bit.ly/2DG1Pxn		ttps://amzn.to/2WuplVr			71.4	F4	MPU6000	30mm			3S	6S	Yes	No	Frsky	Yes	35	Yes		No	No	5	No	Gummies	6	n/a	n/a	Yes	5V @ 1A	8V @ 1A	Yes		Yes		BMP280	No	No	Yes		2019 Feb	
Airbot	Omnibus F7 V2	https://goo.gl/qAQqKE		ttp://amzn.to/2HM73GS			60	F7	MPU6000, ICM20608	30mm	10		2S	4S	No	No	No	No		Yes		No	No	4	Yes	Soft Mounted Gyro	4	No	Yes	Yes	5V @ 3A	None	Yes	SD Card	No	Yes	No	No	No	Yes		2018 April	
Airbot	OmniNXT F7	http://bit.ly/2NzPRrj	http://bit.ly/2PqKCej	ttps://amzn.to/2WBd2G			60	F7	MPU6000, ICM20608	30mm			3S	6S	No	No	No	No		Yes		No	No	6	Yes	Soft Mounted Gyro	4			Yes	5V @ 1A	8V @ 1A	Yes	No	No		No	No		Yes		2018 October	
Airbot	OmniNXT F7 & ESC	http://bit.ly/2S79bSs					91.8	F7	MPU6000, ICM20608	30mm			3S	6S	Yes	No	No	Yes	35	Yes		No	No	6	Yes	Soft Mounted Gyro	4			Yes	5V @ 1A	8V @ 1A	Yes	No	No		No	No		Yes		2019 Feb	
ARTOWER	Mini ARF4-SVTX F4	https://goo.gl/YGmceX					47	F4	MPU6000	20mm	3.2		2S	4S	No	Yes	No	No		Yes		No	No	0	No	No	4	No	No	No	5V @ 1A	None	Yes	No	No	No	No	No	No	Yes		2018 April	
ARTOWER	Mini ARF4-SVTX F4 + ESC						77	F4	MPU6000	20mm	7.3		2S	4S	No	Yes	No	Yes	28	Yes		No	No	0	No	No	4	No	No	No	5V @ 1A	None	Yes	No	No	No	No	No	No	Yes		2018 April	
AuroraRC	OMVT F4	http://bit.ly/2KOfNyq					50.6	F4	MPU6000	30mm	8.7		2S	6S	No	Yes	No	No		Yes		No	No	2	No	No	4	Yes	No	Yes	5V @ 3A	None	Yes	SD Card	No	No	No	No	No	Yes		2018 May	
AuroraRC	OMVT F4 C2 Tower	http://bit.ly/2wwvmYJ					98.7	F4	MPU6000	30mm	24.1		3S	6S	Yes	Yes	No	Yes	35	Yes		No	No	2	No	No	4			Yes	5V @ 3A	None	Yes	SD Card	Yes	No	No	No	No	Yes		2018 May	
AuroraRC	OMVT F4 C3 Tower	http://bit.ly/2wxb4OI					79	F3	MPU6000	30mm	32		2S	6S	Yes	Yes	No	Yes	35	Yes		No	No	3	Yes	No	4			Yes	5V @ 3A	None	Yes	SD Card	Yes	No	No	No	No	Yes		2018 May	
Banggood	Betaflight F4	https://goo.gl/gn1xFq					40	F4	MPU6000	30mm	9				Yes	No	No	No		Yes		No	No	3	No	No	4	Yes	Yes	Yes	5V @ 1.5A	None	Yes	Flash 16MB	Yes	No	No	No	No	No		2018 April	
Banggood	F3 Nano	http://bit.ly/2HjRj18					19.5	F3	MPU6000	20mm	3.7		2S	4S	No	No	No	No		Yes		No	No		Yes	No	4	No	No	Yes	5V @ 3A	None	Yes	No	No	No	No	No	No	Yes		2018 April	
Banggood	F3 Nano Stack	http://bit.ly/2GXhl1v					48	F3	MPU6000	20mm	7.8		2S	4S	Yes	No	No	Yes	28	Yes		No	No		Yes	No	4			Yes	5V @ 3A	None	Yes	No	No	No	No	No	No	Yes		2018 April	
Banggood	NTXF4	http://bit.ly/2K9WeQ1					40	F4	MPU6000	30mm	8.7		2S	6S	No	Yes	No	No		Yes		No	No	3	No	No	4	No	No	Yes	5V @ 3A	None	Yes	SD Card	No	No	No	No	No	Yes		2018 May	
Bardwell	F4 AIO		http://bit.ly/2G6w6Hi		http://bit.ly/2G2LjcJ		35	F4	MPU6000	30mm		AIO	3S	6S	Yes	No	No	No		Yes		No	No	2	Yes	Gummies	4	Yes	No	Yes	5V @ 1.2A	7.6V @ 1.2A	Yes	SD Card	Yes	No	No	Yes	No	No		2018 April	
Bardwell	F4 AIO V2	http://bit.ly/2RS3Qiy	http://bit.ly/2G7tngK	ttps://amzn.to/2MGG0A	http://bit.ly/2HMIxKB		35	F4	MPU6000	30mm	7.3	AIO	3S	6S	Yes	No	No	No		Yes		No	No	2	Yes	Gummies	4	No	Yes	Yes	5V	9V	Yes	Flash 16MB	Yes	No	No	Yes	No	Yes		2019 Feb	
BrainFPV	Radix		http://bit.ly/2G7sFAs				50	F4	BMI160	30mm	6		4.5V	5.5V	No	No	No	No		Yes		No	No	2	Yes	Gummies	6	No	No	Yes	No	None	Yes	SD Card	No	No	BMP280	Yes	No	Yes		2018 April	
BrainFPV	Radix + PDB		http://bit.ly/2GKEB8R				70	F4	BMI160	30mm	14		3S	8S	Yes	No	No	No		Yes		No	No	2	Yes	Gummies	6	Yes	Yes	Yes	5V @ 2A	None	Yes	SD Card	Yes	No	BMP280	Yes	No	Yes		2018 April	
CL Racing	F4S	http://bit.ly/2xOER3L	https://goo.gl/faH5h7	ttp://amzn.to/2G9uBbE			30	F4	MPU6000	30mm			2S	6S	Yes	No	No	No		Yes		No	No	1	Yes	Gummies	4	No	No	Yes	5V @ 2A	9V	Yes	SD Card	Yes	No	No	Yes	No	Yes		2018 April	
CL Racing	F7	http://bit.ly/2zA5OYM		https://amzn.to/2Qj8IYZ	http://bit.ly/2AOoOEW	/oscarliang.com/cl-racing	47	F7	ICM20602	30mm			2S	8S	No	No	No	No		Yes		No	No	6	Yes	Gummies	5	n/a	n/a	Yes	5V @ 1.5A	None	Yes	Flash 128MB	No	No	No	Yes	No	Yes		2019 Feb	
DALRC	F405	http://bit.ly/2IPKG3T					33	F4	MPU6000	30mm	7		2S	6S	No	No	No	No		Yes		No	No	3	Yes	Gummies	4	No	No	Yes	9V @ 3A	None	Yes	Flash 16MB	No	No	No	No	No	No		2018 April	
DALRC	F405 AIO	http://bit.ly/2sUSXgF					39.9	F4	MPU6000	30mm	10		3S	6S	Yes	No	No	No		Yes		No	No	5		No	6	No	Yes	Yes	5V @ 2A	9V @ 1.5A	Yes	Flash 16MB	Yes	Yes	No	Yes	No	No		2018 June	
DALRC	F722 Dual	http://bit.ly/2sPVk4v			http://bit.ly/2G7ZXQr		115	F7	MPU6000, ICM20602	30mm	23.4		3S	6S	Yes	No	No	Yes	50	Yes		No	No	4	Yes	Gummies	6	n/a	n/a	Yes	5V @ 2A	9V @ 1.5A	Yes	Flash 16MB	Yes	No	No	No	No	Yes		2019 Feb	
DYS	F4 Pro V2	http://bit.ly/2uQrQDk	http://bit.ly/2FTxaeo	ttp://amzn.to/2DENygW			39	F4	MPU6000	30mm	10.5		3S	6S	Yes	No	No	No		Yes		No	No	2	No	Gummies	6	Yes	No	Yes	5V @ 3A	9V @ 1.2A	Yes	No	Yes	Yes	No	No	No	Yes		2018 April	
EMAX	F4 Magnum Stack	https://goo.gl/RwBtqs	http://bit.ly/2FVP2Fq	http://amzn.to/2FLFLnl			110	F4	MPU6000	30mm	22.5		2S	4S	Yes	No	Yes	Yes	30	Yes		No	No	2	No	No	4			Yes	5V @ 3A	None	Yes	Flash 16MB	Yes	No	No	No	No			2018 April	
EMAX	Mini Magnum 2 F4	http://bit.ly/2u256kb					100	F4	MPU6000	30mm	17.2g		2S	6S	Yes	Yes	No	Yes	35	Yes		No	No			No	4				5V @ 3A		Yes		Yes	No	No	No	No	Yes		2018 July	
EXUAV	Flytower F4 PRO V2	https://goo.gl/tDtM4x					112.5	F4	MPU6000	30mm			2S	6S	Yes	Yes	No	Yes	35	Yes		No	No	2		No	6	No	No	No	5V @ 3A	12V @ 2.5A	Yes	No	Yes	No	No	No	No	No		2018 April	
EXUAV	Flytower F4 PRO V2	http://bit.ly/2HmFUxw					100.6	F4	MPU6000	30mm	20.2		2S	5S	Yes	Yes	No	Yes	35	Yes		No	No	2	No	No	6			Yes	5V	None	Yes	No	Yes	No	No	No	No	Yes		2018 April	
Flycolor	Raptor S-Tower Omnibus F4	https://goo.gl/szX8VY					86	F4	MPU6000	30mm	20		2S	4S	Yes	No	No	Yes	40	Yes		No	No	3	No	No	6	No	No	Yes	5V	12V	Yes	SD Card	No	No	No	No	No	Yes		2018 April	
Flycolor	X-Tower F4	http://bit.ly/2NzKfgD	http://bit.ly/2So2KKI	ttps://amzn.to/2t2AWgI			90	F4	MPU6000	30mm	26		3S	6S	Yes	No	No	4in1	40	Yes		No	No	5	No	Rubber Standoffs	6		No	Yes	5V	12V	Yes	SD Card	Yes	No	No	No	No	Yes		2018 October	
Flyduino	KISS CC AIO		http://bit.ly/2pr3OwX	http://amzn.to/2G6nyjO			76	F3	MPU6050	30mm	11		2S	4S	Yes	No	No	Yes	16	No		Yes	No	1	Yes	No	4			Yes			No	No	No	No	No	No		No		2018 April	
Flyduino	KISS V1		https://goo.gl/oGfEiB	ttp://amzn.to/2u0EZgO	https://goo.gl/mrqsne		35	F3	MPU6050	30mm	4.6		2S	6S	No	No	No	No		No		Yes	No	1	Yes	No	4	Yes	Yes	Yes	None	None	No	No	No	No	No	No		No		2018 April	
Flyduino	KISS V2		https://goo.gl/5RMVN8	ttp://amzn.to/2HNcDsL	http://bit.ly/2pnw3xq	arliang.com/kiss-v2-fc-kis	70	F7	MPU6000	30mm	5		2S	6S	No	No	No	No		No		Yes	No	3	Yes	No	4	Yes	Yes	Yes	None	None	No	No	No	No	No	No		No		2018 April	
Foxeer	F405 AIO						39.9	F4	MPU6000	30mm	10		3S	6S	Yes	No	No	No		Yes		No	No	4		No	6	No	Yes	Yes	5V @ 2A	9V @ 1.5A	Yes	Flash 16MB	Yes	Yes	No	Yes	No	No		2018 June	
Foxeer	F722 Dual	http://bit.ly/2TSGMxB		ttps://amzn.to/2sZRdml		carliang.com/foxeer-f72	40.7	F7	MPU6000, ICM20602	30mm	7.5		3S	6S	No	No	No	No		Yes		No	No	5	Yes	Gummies	6	n/a	n/a	Yes	5V @ 2A	9V @ 1.5A	Yes	Flash 16MB	No	No	No	Yes	No	Yes		2019 Feb	
FPVModel	Betaflight F3		http://bit.ly/2HOvHXx	http://amzn.to/2FTkx30	http://bit.ly/2GJ546Y		30	F3	MPU6000	30mm	8.6		3S	6S	Yes	No	No	No		Yes		No	No	3	No	No	4	Yes	No	Yes	5V @ 2A	None	Yes	SD Card	Yes	No	No	No	No	No		2018 April	
FPVModel	Betaflight F4		https://goo.gl/ZBD4DB	ttp://amzn.to/2DEK0LQ	http://bit.ly/2FVqe0u	ang.com/betaflight-f4-flig	34	F4	MPU6000	30mm			3S	6S	Yes	No	No	No		Yes		No	No	3	No	No	4	Yes	Yes	Yes	5V @ 1.5A	None	Yes	Flash 16MB	Yes	No	No	No	No	No		2018 April	
FPVModel	Betaflight F7			http://amzn.to/2tZKvAz	https://goo.gl/Db1jpD	oscarliang.com/betafligh	60	F7	MPU6000, ICM20608	30mm	12		3S	6S	Yes	No	No	No		Yes		No	No	4	Yes	Gummies	4	No	Yes	Yes	5V @ 1.2A	None	Yes	Flash 16MB	Yes	No	No	Yes	No	No		2018 April	
FPVModel	X-Racer F4				http://bit.ly/2DFueA2	//oscarliang.com/xracer-	20	F4	MPU6000	30mm	7		5V	5V	No	No	No	No		Yes		No	No	3	No	No	6	Yes	No	Yes	None	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2018 April	
Frsky	RXSR Fireworks V2	http://bit.ly/2RbITLw	http://bit.ly/2UtWm1S	ttps://amzn.to/2sW9hyl			56	F4	ICM20608	30mm			3S	6S	Yes	No	Frsky	No		Yes		No	No	4	No	Soft Mounted Gyro	4	Yes	Yes	Yes	5V @ 1A	8V @ 1A	Yes		Yes	Yes	No	Yes	No	Yes		2018 October	
Frsky	RXSR OMNIBUS F4 V6	http://bit.ly/2FQQ1KZ					58	F4	MPU6000	30mm			3S	6S	No	No	Frsky	No		Yes		No	No	5	Yes	No	6	Yes	No	Yes	5V @ 1A	8V @ 1A	Yes	No	No		BMP280	No	No	Yes		2019 Feb	
Frsky	RXSR OmniNTX F7	http://bit.ly/2OkR0qC	http://bit.ly/2SIFBsm				72	F7	ICM20608	30mm			3S	6S	No	No	Frsky	No		Yes		No	No	6	Yes	Soft Mounted Gyro	4			Yes	5V @ 1A	8V @ 1A	Yes	No	No		No	No		Yes		2018 October	
FrSky	RXSRF3OM	http://bit.ly/2KQaWNI					45	F3	MPU6050	20mm	4.5		3.5V	12V	No	No	Yes	No		Yes		No	No	1	Yes	No	4	No	No	No	5V @ 0.15A	None	Yes	No	No	No	No	No	No	Yes		2018 May	
FrSky	XSRF3O	http://bit.ly/2rH1B0w		ttp://amzn.to/2FV2Jom	http://bit.ly/2FTzWAk	.com/review-frsky-xsrf3o	40	F3	MPU6050	30mm	6		4V	10V	No	No	Yes	No		Yes		No	No	1	Yes	No	8	No	No	No		None	Yes	SD Card	No	No	No	No	No	No		2018 April	
FrSky	XSRF3PO	http://bit.ly/2wQ1zc8		http://amzn.to/2pq2ISe	http://bit.ly/2u0T8e6	ht-controllers-compariso	50	F3	MPU6050	30mm	14			6S	Yes	No	Yes	No		Yes		No	No	1	Yes	No	8	No	No	No		None	Yes	SD Card	Yes	No	No	No	No	No		2018 April	
FrSky	XSRF4O	http://bit.ly/2faA7f8		http://amzn.to/2u0YxBR	http://bit.ly/2pqm6yr	ht-controllers-compariso	50	F4	MPU6000	30mm	6		4V	10V	No	No	Yes	No		Yes		No	No	1	Yes	No	6	No	No	No		None	Yes	SD Card	No	No	No	No	No	No		2018 April	
FrSky	XSRF4PO	http://bit.ly/2fgeL2Z		http://amzn.to/2GH7ItK	http://bit.ly/2FPhFs4	ht-controllers-compariso	60	F4	MPU6000	30mm	14			6S	Yes	No	Yes	No		Yes		No	No	1	Yes	No	6	No	No	No		None	Yes	SD Card	Yes	No	No	No	No	No		2018 April	
Full Speed	FSD328	http://bit.ly/2jNWGIJ					44.6	F3	MPU6000	20mm	8		2S	4S	Yes	No	No	Yes	28	Yes		No	No	1	No	No	4	No	No	No	5V @ 3A	None	Yes	No	No	No	No	No	No	Yes		2018 May	
FuriousFPV	Fontini		http://bit.ly/2HMA9Wz	ttp://amzn.to/2FMmQcc			40	F4	ICM20602	30mm	5.8		2S	6S	No	No	No	No		Yes		No	No	3	Yes	Gummies	4	Yes	No	Yes	5V @ 2A	None	No	Flash 16MB	No	No	No	No	No	No		2018 April	
FuriousFPV	Fortini OSD		http://bit.ly/2FLOhCR				40	F4	ICM20602	30mm	5.8		2S	6S	No	No	No	No		Yes		No	No	4	Yes	Gummies	4	Yes	No	Yes	5V @ 2A	None	Yes	No	No	No	No	Yes	No	No		2018 April	
FuriousFPV	Kombini			http://amzn.to/2G8qaxJ		rliang.com/kombini-fligh	49	F3	MPU6000	30mm	6		2S	5S	Yes	No	No	No		Yes		No	No	3	Yes	No	4	Yes	No	No	5V @ 1.5A	12V @ 0.8A	No	No	No	No	No	No	No	No		2018 April	
FuriousFPV	PIKO F4		https://goo.gl/93P2v4		.com/product_info.php?		40	F4	ICM20602	20mm	4.7		2S	6S	No	No	No	No		Yes		No	No	3	Yes	Gummies	6	Yes	No	No	5V @ 1.5A	None	No	No	Yes	No	No	No	No	No		2018 April	
FuriousFPV	PIKO F4 OSD						40	F4	ICM20602	20mm	4.7		2S	6S	No	No	No	No		Yes		No	No	3	Yes	Gummies	6	Yes	No	No	5V @ 1.5A	None	Yes	No	Yes	No	No	No	No	No		2018 April	
GEPRC	SPAN F4 Tower	http://bit.ly/2xWRETY					106.9	F4	MPU6000	30mm	21		2S	5S	Yes	Yes	No	Yes	40	Yes		No	No	2	No	No	4		No	Yes	5V @ 3A		Yes	No	Yes	No	No	No	No	Yes		2018 June	
HAKRC	Betaflight F4	http://bit.ly/2EGvNhJ					76	F4	MPU6000	30mm	27		2S	4S	Yes	No	No	Yes	35	Yes		No	No	3	No	No	4	No	No	Yes	5V @ 2A	None	Yes	SD Card	Yes	No	No	No	No	Yes		2018 April	
HAKRC	F4V3	http://bit.ly/2Ixccqc					35	F4	ICM20608	30mm	32		3S	4S	Yes	No	No	No		Yes		No	No	2	No	Soft Mounted Gyro	6	Yes	No	Yes	5V @ 3A	None	Yes	SD Card	Yes	Yes	BMP280	No	No	Yes		2018 May	
HAKRC	F4V3 Tower	http://bit.ly/2KbCpla					77	F4	ICM20608	30mm	53		3S	4S	Yes	No	No	Yes	30	Yes		No	No	2	No	Soft Mounted Gyro	6			Yes	5V @ 3A	None	Yes	SD Card	Yes	Yes	BMP280	No	No	Yes		2018 May	
HAKRC	Mini F3 Stack	http://bit.ly/2HmEC5E		ttps://amzn.to/2qq9fNT			43	F3	MPU6000	20mm	14.3		2S	4S	Yes	No	No	Yes	20	Yes		No	No	1	Yes	No	4			Yes	5V @ 2A	None	Yes	No	No	No	No	No	No	Yes		2018 April	
Heli-Nation	Talon F4		http://bit.ly/2HMFw8b	ttp://amzn.to/2G9AqG2	ion-Talon-F4-20x20-FC-F		30	F4	MPU6000	20mm		Standard	2S	6S	No	No	No	No		Yes		No	No	2	Yes	Gummies	4	n/a	n/a	Yes	5V	None	Yes	No	No	No	No	No	No	Yes		2018 April	
Heli-Nation	Talon F7		http://bit.ly/2UhNHQe	ttps://amzn.to/2t2BjYN	http://bit.ly/2MKIlue		33	F7	ICM20602	20mm		Standard		8S	No	No	No	No		Yes		No	No	4	Yes	Gummies	4	n/a	n/a	Yes	5V @ 2A	None	Yes	No	No	No	No	No	No	Yes		2019 Feb	
HelioRC	Helio				ttps://heliorc.com/docs		40	F4 + F3	ICM20601	30mm			3S	6S	No	No	No	No		No		No	No	3	Yes	Gummies	4	Yes	No	Yes	5V @ 2.5A	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2018 April	
HelioRC	Spring AIO			ttps://amzn.to/2R92dZN	http://bit.ly/2NU04mQ		47	F4 + F3	ICM20601	30mm			4S	6S	Yes	No	No	No		No		No	No	3	Yes	Gummies	4	No	No	Yes	5V	None	Yes	No	Yes	No	No	No	No	No		2018 October	
HelioRC	Spring IMU-F		http://bit.ly/2t22bIu	tps://amzn.to/2WsNMSl	http://bit.ly/2IpWsTr	http://bit.ly/2DOcyFW	38	F4 + F3	ICM20601	30mm			4S	6S	No	No	No	No		No		No	No	3	Yes	Gummies	4	No	No	Yes	5V	None	Yes	No	Yes	No	No	No	No	No		2018 October	
HelioRC	Spring IMU-F Mini		http://bit.ly/2UqlCq1				40	F4 + F3	ICM20601	20mm		Standard		6S	No	No	No	No		No		No	No	3	Yes	Gummies	4	n/a	n/a	Yes	5V @ 2.5A	None	Yes	No	No	No	No	No	No	Yes		2019 Feb	
HGLRC	AIRBUS F4	http://bit.ly/2INA1qh					35	F4	MPU6000	30mm	8.3		2S	6S	No	No	No	No		Yes		No	No	3	No	No	4	No	No	Yes	5V @ 3A	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2018 April	
HGLRC	AIRBUS F4 Stack	http://bit.ly/2HfaBET					159	F4	MPU6000	30mm	31.2		3S	6S	Yes	Yes	No	Yes	60	Yes		No	No	3	No	No	4			Yes	5V @ 3A	None	Yes	Flash 16MB	Yes	No	No	No	No	Yes		2018 April	
HGLRC	F4 FLAME	https://goo.gl/6Uz2ZY	http://bit.ly/2DEINDW	ttp://amzn.to/2HOu1xd			34	F4	MPU6000	30mm	11		2S	6S	Yes	No	No	No		Yes		No	No	3	No	No	4	No	No	Yes	5V @ 3A	None	Yes	Flash 16MB	Yes	No	No	No	No	No		2018 April	
HGLRC	F4 Flame V2	http://bit.ly/2sTu0IP					35	F4	MPU6000	30mm	11.9		2S	6S	Yes	No	No	No		Yes		No	No			Gummies	6	No	No		5V @ 3A		Yes	Flash 16MB	Yes			No		No		2018 June	
HGLRC	F4 V5 PRO	http://bit.ly/2v6JDa0	https://goo.gl/UvzWcx				60	F4	MPU6000	30mm	13.5		2S	6S	Yes	Yes	No	No		Yes		No	No	3	No	No	6	No	No		5V @ 3A	None	Yes	Flash 16MB	Yes	No	No	No	No	Yes		2018 April	
HGLRC	F4 V6Pro	http://bit.ly/2wB34Mq					64	F4	MPU6000	30mm	15.6		2S	6S	Yes	Yes	No	No		Yes		No	No			No	4	Yes	No		5V @ 3A	None	Yes	Flash 16MB	Yes	No	No	No	No	Yes		2018 May	
HGLRC	XJB F438 V2		http://bit.ly/2IBu1lj				65	F4	MPU6000	20mm	7.9		2S	4S	Yes	No	No	Yes	33	Yes		No	No	2	No	No	4		No	No	5V @ 3A	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2018 April	
HGLRC	XJB F438-TX20 V2	https://goo.gl/QccqVt	http://bit.ly/2u1vHBf	http://amzn.to/2po25JC			85	F4	MPU6000	20mm	10.8		2S	4S	Yes	Yes	No	Yes	33	Yes		No	No	2	No	No	4		No	No	5V @ 3A	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2018 April	
HGLRC	XJB F440	https://goo.gl/1kS37U	http://bit.ly/2FWfOOh	http://amzn.to/2pnXffh			78	F4	MPU6000	20mm	8.9		3S	5S	Yes	No	No	Yes	40	Yes		No	No	2	No	No	4		No	No	5V @ 3A	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2018 April	
HGLRC	XJB F440-TX20	https://goo.gl/9Yb2TU	https://goo.gl/VUPV1T	ttp://amzn.to/2FTWRLL			102	F4	MPU6000	20mm	11.4		3S	5S	Yes	Yes	No	Yes	40	Yes		No	No	2	No	No	4	No	No	Yes	5V @ 3A	None	Yes	SD Card	No	No	BMP280	No	No	Yes		2018 April	
HGLRC	Zeus	https://goo.gl/UXQCcn	http://bit.ly/2FPo1HG	ttp://amzn.to/2FUT4Ou			73	F4	MPU6000	30mm	6.2		2S	3S	Yes	No	No	Yes	15	Yes		No	No	2	No	No	6		No	Yes	5V @ 1A	None	Yes	Flash 16MB	No	No	No	No	No	No		2018 April	
Hobbywing	XRotor F4	http://bit.ly/2u6xzJa	http://bit.ly/2u1wQZz	ttp://amzn.to/2FMqwLh			39	F4	MPU6000	30mm			5V	5V	No	No	No	No		Yes		No	No	3	No	No	6	Yes	No	Yes	None	None	Yes	SD Card	No	No	No	No	No	Yes		2018 April	
Hobbywing	XRotor Micro Omnibus F4 G2	http://bit.ly/2KHS6r7					47	F4	ICM20602	30mm	6		5V	5V	No	No	No	No		Yes		No	No	3	No	Gummies	4		No	Yes	5V	10V	Yes		No	No	No	No	No	Yes		2018 July	
Hobbywing	XRotor Nano F4	https://goo.gl/Q1voxk	http://bit.ly/2FP3KIW	ttp://amzn.to/2HOY4oy			35	F4	MPU6000	20mm	3.3				No	No	No	No		Yes		No	No	2	No	No	4	No	No	Yes	5V @ 1.5A	None	Yes	No	No	No	No	No	No	Yes		2018 April	
Hobbywing	XRotor Nano F4 + ESC		https://goo.gl/in4XMr				76	F4	MPU6000	20mm	9.3		2S	4S	Yes	No	No	Yes	20	Yes		No	No	2	No	No	4	No	No	Yes	5V @ 1.5A	None	Yes	No	No	No	No	No	No	Yes		2018 April	
Holybro	Kakute F4 AIO V2	https://goo.gl/4H5WHU	http://bit.ly/2DF5p7t	http://amzn.to/2FVuQnl		rliang.com/holybro-kaku	40	F4	ICM20689	30mm	7		2S	6S	Yes	No	No	No		Yes		No	No	3	Yes	Soft Mounted Gyro	4	No	Yes	Yes	5V @ 1.5A	None	Yes	Flash 16MB	Yes	Yes	BMP280	No	No	No		2018 April	
Holybro	Kakute F4 V2	https://goo.gl/ExtMpw		http://amzn.to/2ICov1F			36	F4	ICM20689	30mm	7		2S	6S	No	No	No	No		Yes		No	No	3	Yes	Soft Mounted Gyro	4	Yes	No	Yes	5V @ 1.5A	None	Yes	Flash 16MB	No	Yes	BMP280	No	No	Yes		2018 April	
Holybro	Kakute F7	http://bit.ly/2Rd65J7	http://bit.ly/2Q8VqPp	https://amzn.to/2oIoLUj			49	F7	ICM20689	30mm	9		2S	6S	No	No	No	No		Yes		No	No	6	Yes	Soft Mounted Gyro	6	No	No	Yes	5V @ 2A	None	Yes	SD Card	No	Yes	BMP280	Yes	No	Yes		2018 October	
Holybro	Kakute F7 AIO	http://bit.ly/2LQoWgE	http://bit.ly/2nNMYIp	ttps://amzn.to/2JOb6Te		oscarliang.com/kakute-f7	49	F7	ICM20689	30mm	11		2S	6S	Yes	No	No	No		Yes		No	No	6	Yes	Soft Mounted Gyro	6	No	Yes	Yes	5V @ 2A	None	Yes	SD Card	Yes	Yes	BMP280	Yes	No	No		2018 October	
HyperLite	F4 OSD				c.com/HyperLite-F4-OSD		33	F4	MPU6000	30mm			2S	6S	No	No	No	No		Yes		No	No	4	Yes	Gummies	4	No	No	Yes	5V @ 1.2A	None	Yes	No	Yes	No	No	No	No	Yes		2018 April	
HyperLite	F4 OSD Stack				Pyrodrone-F4-OSD-Stack		93	F4	MPU6000	30mm	14.3		2S	6S	Yes	No	No	Yes	35	Yes		No	No	4	Yes	Gummies	4			Yes	5V @ 1.2A	None	Yes	No	Yes	No	No	No	No	Yes		2018 April	
iFlight	REVOBee F4 V2	http://bit.ly/2yamy8z					36	F4	MPU6000	30mm	7.4		2S	6S	No	No	No	No		Yes		No	No	3	No	No	4	No	No	Yes	5V @ 1A	None	Yes	SD Card	No	Yes	No	No	No	Yes		2018 October	
iFlight	REVOBee32 F4 V2	http://bit.ly/2Qfhfvl					42.5	F4	MPU6000	30mm	12.4		3S	6S	Yes	No	No	No		Yes		No	No	4	No	Soft Mounted Gyro	4	Yes	Yes	Yes	5V @ 1A	8V @ 1A	Yes		Yes	Yes	No	Yes	No	Yes		2018 October	
iFlight	Succex F4 Mini	http://bit.ly/2UtSPkv		ttps://amzn.to/2DPwt7r			20.4	F4	MPU6000	20mm		Standard	2S	6S	No	No	No	No		Yes		No	No			No	4	n/a	n/a		5V @ 3A	None	Yes	No	No	No	No	No	No	Yes		2019 Feb	
Kamikaze	Extreme AIO				collections/flight-control		90	F7	ICM20608	30mm					Yes	No	No	Yes	50	Yes		No	No			Soft Mounted Gyro	4				5V @ 3A	None	Yes		Yes			No	No			2018 April	
Kamikaze	F4				m/collections/flight-cont		40	F4	MPU6000	30mm			3S	6S	No	No	No	No		Yes		No	No	3	No	No	6	No	No	Yes	5V @ 3A	None	Yes	SD Card	No	No	BMP280	No	No	Yes		2018 April	
Kamikaze	F4X				ctions/flight-controllers/		50	F4	ICM20608	30mm	12.2		3S	6S	Yes	No	No	No		Yes		No	No	3	Yes	Soft Mounted Gyro	6	Yes	Yes	Yes	5V @ 1.5A	None	Yes									2018 April	
Kamikaze	F7				ctions/flight-controllers/		55	F7	MPU6000, ICM20608	30mm	10		2S	4S	No	No	No	No		Yes		No	No	4	Yes	Soft Mounted Gyro	4	No	Yes	Yes	5V @ 1A	None	Yes	SD Card	No	Yes	Yes	No	No	Yes		2018 April	
Lumenier	Alpha AIO		https://goo.gl/du5ciZ				75	F4	MPU6000	30mm	16		2S	4S	Yes	No	No	Yes	30	Yes		No	No	1	No	No	4			No	5V @ 2A	None	Yes	Flash 16MB	Yes	No	No	No	No	No		2018 April	
Lumenier	LUX F7		http://bit.ly/2UtW6Aj	ttps://amzn.to/2WCycEE			45	F7	MPU6000, ICM20602	30mm	6	Standard	6V	36V	No	No	No	No		Yes		No	No	5	Yes	Gummies	8	n/a	n/a	Yes	5V @ 2A	None	Yes	SD Card	No	Yes	BMP280	Yes	No	Yes		2019 Feb	
Lumenier	LUX V2		http://bit.ly/2poyAY6	http://amzn.to/2FLJwcr			30	F4	MPU6000	30mm	5		2S	6S	No	No	No	No		Yes		No	No	3	No	No	4	Yes	No	Yes	5V @ 1A	None	No	SD Card	No	No	No	No	No	No		2018 April	
Lumenier	SKITZO V3		http://bit.ly/2poyShE				45	F4	ICM20602	30mm	5		5V	5V	No	No	No	No		No		No	Yes	4	Yes	Gummies	4	Yes	No	Yes	None	None	No	Flash 16MB	No	No	No	No	No	Yes		2018 April	
Lumenier	F4 AIO		http://bit.ly/2pqRKfS				40	F4	MPU6000	30mm	10		3S	6S	Yes	No	No	No		Yes		No	No	2	No	No	6	No	No	No	5V @ 3A	12V @ 3A	Yes	Flash 16MB	Yes	No	No	No	No	No		2018 April	
Lumenier	SKITZO RevoltOSD		http://bit.ly/2ICluyG				48	F4	ICM20602	30mm	6		2S	6S	No	No	No	No		No		No	Yes	3	Yes	Gummies	4	Yes	No	Yes	5V	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2018 April	
Mamba	F4	http://bit.ly/2RbtT00			http://bit.ly/2sX4sVa		30	F4	MPU6000	30mm	6		3S	6S	No	No	No	No		Yes		No	No	3	No	No	4			No	5V @ 1.5A	None	Yes	Flash 16MB	No	Yes	No	No	No	Yes		2018 October	
Mamba	F4 Mini	http://bit.ly/2HlJhQC		ttps://amzn.to/2TqIDKx	http://bit.ly/2MOsZVG		42	F4	MPU6000	20mm	3.5		2S	4S	No	No	No	No		Yes		No	No	2	No	No	4			No	5V @ 1A	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2018 October	
Mamba	F4 Mini Stack	http://bit.ly/2NO4P14			http://bit.ly/2RwG86k		34	F4	MPU6000	20mm	11.5		2S	4S	Yes	No	No	4in1	25	Yes		No	No	2	No	Gummies	4			No	5V @ 1A	None	Yes	Flash 16MB	Yes	No	No	No	No	Yes		2018 October	
Mamba	F4 Stack	http://bit.ly/2y2ckqE					44	F4	MPU6000	30mm	16		3S	6S	Yes	No	No	4in1	40	Yes		No	No	3	No	No	4			No	5V @ 1.5A	None	Yes	Flash 16MB	No	Yes	No	No	No	Yes		2018 October	
Matek	F405 CTR	http://bit.ly/2tiwokO	http://bit.ly/2u632uK	http://amzn.to/2sbXePB		liang.com/matek-f405-ct	40	F4	MPU6000	30mm			3S	6S	Yes	No	No	No		Yes		No	No	4	No	Gummies	6	No	Yes	Yes	5V @ 2A	None	Yes	SD Card	Yes	Yes	BMP280	No	Yes	No		2018 April	
Matek	F405 STD	https://goo.gl/LrwHga	http://bit.ly/2GJ6fTI	http://amzn.to/2tX8sIs			28	F4	ICM20602	30mm	7		5V	5V	No	No	No	No		Yes		No	No	4	No	No	6	No	No	Yes	None	None	Yes	SD Card	No	Yes	BMP280	No	Yes	No		2018 April	It's designed to work with FCHUB-6S or FCHUB-VTX
Matek	F405 STD + FCHUB-6S	https://goo.gl/THD711		http://amzn.to/2G7xvJO			36	F4	ICM20602	30mm	15.5		3S	6S	Yes	No	No	No		Yes		No	No	4	No	No	6		No	Yes	5V @ 2A	10V @ 2A	Yes	SD Card	Yes	Yes	BMP280	No	Yes	No		2018 April	
Matek	F411 Mini	https://goo.gl/Zr7u8j	https://goo.gl/SimLCj	http://amzn.to/2G6PKTz			25	F4	MPU6000	20mm	4.5		2S	6S	No	No	No	No		Yes		No	No	1	No	Gummies	6	No	No	Yes	5V @ 2A	None	Yes	No	No	Yes	No	No	No	No		2018 April	
Matek	F411 Mini + PDB	https://goo.gl/KXuMCE		http://amzn.to/2HML7vi			29	F4	MPU6000	30mm			2S	6S	Yes	No	No	No		Yes		No	No	1	No	Gummies	6	No	No	Yes	5V @ 2A	None	Yes	No	Yes	Yes	No	No	No	No		2018 April	
Matek	F411 ONE	https://goo.gl/U2EpNZ					42	F4	MPU6000	30mm	10		2S	6S	Yes	No	Yes	No		Yes		No	No	2	Yes	Gummies	4	Yes	Yes	Yes	5V @ 1.5A	None	Yes	Flash 16MB	Yes	No	No	No	No	No		2018 April	
Matek	F7 Mini	http://bit.ly/2RS68hN		ttps://amzn.to/2Tn7pd3	http://bit.ly/2Gf9MLr		45.9	F7	MPU6000, ICM20602	20mm	5	Standard	6V	36V	No	No	No	No		Yes	Yes	No	No	5	Yes	Gummies	8	n/a	n/a	Yes	5V @ 2A	None	Yes	Flash 32MB	No	Yes	No	Yes	No	Yes		2019 Feb	
Matek	F722 SE	http://bit.ly/2MBMFMe	http://bit.ly/2DDgqWY	ttps://amzn.to/2Gf9unF	http://bit.ly/2MKhONH		42	F7	MPU6000, ICM20602	30mm	10	AIO	6V	36V	Yes	No	No	No		Yes	Yes	No	No	5	Yes	Gummies	8	No	Yes	Yes	5V @ 2A	None	Yes	SD Card	Yes	Yes	BMP280	Yes	No	No		2019 Feb	
Matek	F722 STD	https://goo.gl/9yhcpg	http://bit.ly/2DDgqWY	ttp://amzn.to/2FKYKOU			40	F7	ICM20602	30mm	7		5V	5V	No	No	No	No		Yes		No	No	4	No	No	6			Yes	None	None	Yes	SD Card	No	Yes	BMP280	No	Yes	No		2018 April	It's designed to work with FCHUB-6S or FCHUB-VTX
NTX	F7	http://bit.ly/2xO7zBu					41.7	F7	ICM20689	30mm	13.5		2S	6S	Yes	Yes	No	No		Yes		No	No	4	Yes	No	4	Yes	No	Yes	5V @ 3A	None	Yes	No	Yes	No	No	No	No	No		2018 October	
NTX	F7 Nano	http://bit.ly/2CP7uiM					27.8	F7	ICM20608	20mm	3.5	Standard	2S	6S	No	No	No	No		Yes		No	No	4	Yes	No	4	n/a	n/a		5V @ 3A	None	Yes	No	No	No	No	No	No	Yes		2019 Feb	
RaceFlight	MilliVolt		http://bit.ly/2u1kaSp	ttp://amzn.to/2DEZ9wr	http://bit.ly/2FLK4Px		42	F4	ICM20602	20mm	3		5V	5V	No	No	No	No		No		No	Yes	1	No	Gummies	4	Yes	No	Yes	None	None	No	Flash 16MB	No	No	No	No	No	No		2018 April	
RaceFlight	Revolt		http://bit.ly/2GJJuyY	http://amzn.to/2tZRn0P	http://bit.ly/2GJOaVU		39	F4	ICM20602	30mm	6		5V	5V	No	No	No	No		No		No	Yes	2	No	Gummies	4	Yes	No	Yes	None	None	No	Flash 16MB	No	No	No	No	No	Yes		2018 April	
Racerstar	StarF4S AIO	http://bit.ly/2G5JWd1		ttp://amzn.to/2DDmsXF			67	F4	MPU6000	30mm	22		3S	4S	Yes	No	No	Yes	30	Yes		No	No	1	No	No	4		No	No	5V @ 3A	None	Yes	No	Yes	No	No	No	No	No		2018 April	
Racerstar	TattooF4S	https://goo.gl/YNGt2d		ttp://amzn.to/2HHKEug		-racerstar-tattoof4s-fc-e	75	F4	MPU6000	30mm	16		2S	4S	Yes	No	No	Yes	30	Yes		No	No	1	No	No	4			No	5V @ 2A	None	Yes	Flash 16MB	Yes	No	No	No	No	No		2018 April	
Rcharlance	F4 Pro V2	http://bit.ly/2KFpG4t					38.7	F4	MPU6000	30mm	12		2S	6S	No	Yes	No	No		Yes		No	No	2	No	No	4		No	Yes	5V @ 3A		Yes	SD Card	No	No	No	No	No	Yes		2018 July	
RotorRiot	Riot Control				t.com/hypetrain-riot-cor		40	F4	MPU6000	30mm					Yes	No	No	No		Yes		No	No	3	No	mies & Soft Mounted	4	Yes	No	Yes	5V	9V	Yes		Yes	No	No	No	No	No		2018 July	
Speedybee	F4 AIO	http://bit.ly/2JR9v0d				ng.com/speedybee-f4-ai	38	F4	MPU6000	30mm	8.8		3S	6S	Yes	No	No	No		Yes		No	No	3	No	No	7	No	No	Yes	5V@3A	9V@1A	Yes	Flash 2MB	Yes	Yes	No	No	No	No		2018 July	built-in bluetooth module
SPRacing	F7 DUAL				.seriouslypro.com/sp-rac		55.5	F7	ICM20602, ICM20602	30mm			2S	5S	Yes	No	No	No		Yes		No	No	5	Yes	Gummies		Yes	No	Yes	5V @ 1A	None	Yes	SD Card	Yes	Yes	BMP280	Yes	No	Yes		2018 April	
SPRacing	F7 DUAL FPV Stack				uslypro.com/sp-racing-f		90.5	F7	ICM20602, ICM20602	30mm	16		2S	5S	Yes	No	No	No		Yes		No	No	5	Yes	Gummies		Yes	No	Yes	5V @ 1A	None	Yes	SD Card	Yes	Yes	BMP280	Yes	No	Yes		2018 April	
Sunrise	Cicada F4 AIO		http://bit.ly/2HICUbt	http://amzn.to/2HP12tc			65	F4	MPU6000	30mm	22		3S	4S	Yes	No	No	Yes	30	Yes		No	No	1	No	No	4		No	No	5V @ 3A	None	Yes	No	Yes	No	No	No	No	No		2018 April	
Sunrise	Siskin						75	F4	MPU6000	30mm	16		2S	4S	Yes	No	No	Yes	30	Yes		No	No	1	No	No	4			No	5V @ 2A	None	Yes	Flash 16MB	Yes	No	No	No	No	No		2018 April	
TBS	Colibri				eep.com/products/prod		30	F3	MPU6000	30mm	4.4		5V	5V	No	No	No	No		Yes		No	No	2	No	No	6	No	No	Yes	None	None	No	No	No	No	No	No	No	Yes		2018 April	
TBS	Powercube Elite Bundle		http://bit.ly/2DFA04G	http://amzn.to/2HLpyLt		ang.com/tbs-powercube	130	F3	MPU6000	30mm			2S	6S	Yes	Yes	No	No		Yes		No	No	2	No	No	6	No	No	Yes	5V	12V	Yes	No	Yes	No	No	No	No	Yes		2018 April	

s	Model	Banggood [1]	GetFPV [2]	Amazon [3]	Others	Reviews	Price [4]	MCU [5]	Gyro [6]	Size [7]	Weight [8]	Type [9]	Vin Volts [10	Max Volts [11	Built-in PDB [12]	Built-in VTX	Built-in RX	Built-in ESC	uilt-in ESC Amps [13]	Betaflight [14]	iNav	KISS [15]	aceflight [16	Available UART [17]	martPort [18]	Soft Mount [19]	Motor Outputs [20]	ESC Signal Ground [21]	SC Telemetry Pads [22]	3.3V [23]	BEC 1 [24]	BEC 2 [25]	BF OSD [26]	Blackbox	Current Sensor	i2c Pads [27]	Barometer [28]	Camera Control [29]	DAC [30]	4in1 ESC Header	DJI PNP [31]	Date Added	Comment
TBS	PowerCube FPVision		http://bit.ly/2FVKeju	ttp://amzn.to/2HMt5Z			100	F3	MPU6000	30mm	8.6		2S	6S	No	Yes	No	No		Yes		No	No	2	No	No	6	No	No	Yes	5V	12V	Yes	No	Yes	No	No	No	No	Yes		2018 April	
Aikon	F4 30x30	http://bit.ly/2tuS0Q5					33.4	F4	ICM20602	30mm	7	Standard	2S	6S	No	No	No	No		Yes		No	No	3	Yes	Gummies	6	n/a	n/a	Yes	5V	None	Yes	Flash 16MB	No	No	No	Yes	No	Yes		2019 Dec	
Aikon	F4 20x20	http://bit.ly/38Sc8fe					33.4	F4	ICM20602	20mm	7	Standard	2S	6S	No	No	No	No		Yes		No	No	3	Yes	Gummies	6	n/a	n/a	Yes	5V	None	Yes	Flash 16MB	No	No	No	Yes	No	Yes		2019 Dec	
Aikon	F7 30x30	http://bit.ly/2tpUBKY					39	F7	MPU6000	30mm		Standard			No	No	No	No		Yes		No	No	5	Yes	Gummies	6	n/a	n/a	Yes	5V	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2019 Dec	
Aikon	F7 20x20	http://bit.ly/38SeL0A					39	F7	MPU6000	20mm		Standard			No	No	No	No		Yes		No	No	5	Yes	Gummies	6	n/a	n/a	Yes	5V	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2019 Dec	
HGLRC	Forward F4 AIO	http://bit.ly/34AOWi2					33	F4	MPU6000	20mm	10.4	AIO	3S	6S	Yes	No	No	No		Yes		No	No	3		No	4	No	No	Yes	5V @ 3A	8V @ 1.5A	Yes	No	Yes	No	No	No	No	Yes		2019 Dec	
HGLRC	FD445 Stack	http://bit.ly/2GZxSZm					90	F4	MPU6000	20mm	15.5		2S	6S		No	No	4in1	45	Yes		No	No	3		O-ring	4	n/a	n/a	Yes	5V	None	Yes	No	No	No	No	No	No	Yes		2019 Dec	
HGLRC	Forward F7	http://bit.ly/2rY2pmT					40	F7	ICM20608	30mm	10.2	Standard	3S	6S	No	No	No	No		Yes		No	No	5		Gummies	4	Yes	No	Yes	5V @ 3A	8V @ 1.5A	Yes	No	No	Yes	No	No	No	Yes		2019 Dec	
JHEMCU	F722	http://bit.ly/2r3JdUh					31	F7	ICM20689	30mm	12.8	AIO	2S	6S	Yes	No	No	No		Yes		No	No	5		Gummies	6	Yes	No	Yes	5V @ 2A	None	Yes	Flash 16MB	Yes	Yes	BMP280	No	No	No		2019 Dec	
Skystars	Talon Mini F4 Flytower	http://bit.ly/38PaBXd					60	F4	MPU6000	20mm	15.5		2S	4S		Yes	No	4in1	20	Yes		No	No			O-ring	4	n/a	n/a	Yes	5V	None	Yes	No	No	No	No	No	No	Yes		2019 Dec	
Skystars	F405 AIO	http://bit.ly/38UZign					34	F4	MPU6000	30mm	10	AIO	3S	6S	Yes	No	No	No		Yes		No	No	5		Gummies	6	No	Yes	Yes	5V @ 3A	None	Yes	SD Card	No	Yes	BMP280	Yes	Yes	No		2019 Dec	
NewBeeDrone	Infinity30	ht-controller/products/ne					100	F7	MPU6000	30mm	23.5	Stack	3S	6S		No	No	4in1	40	Yes		No	No	6		Gummies	4	n/a	n/a	Yes	5V @ 2A	9V@2A	Yes	No	Yes	No	No	No	No	Yes	Yes	2019 Dec	
JHEMCU	F7 Dual Gyro	http://bit.ly/2PXkZDD					24	F7	MPU6000	30mm	7.5	Standard	2S	6S	No	No	No	No		Yes		No	No	6		Gummies	6	n/a	n/a	Yes	5V @ 2A	8V@3A	Yes	Flash 16MB	No	No	BMP280	No	No	Yes		2019 Dec	
FuriousFPV	Racepit F4	http://bit.ly/2O1857J					35	F4	MPU6000	30mm		Standard	2S	6S	No	No	No	No		Yes		No	No	6		Gummies	4	n/a	n/a	Yes	5V @ 2A	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2019 Dec	
Airbot	F7	http://bit.ly/36JKRtx					40	F7	ICM*	30mm		Standard	3S	6S	No	No	No	No		Yes		No	No	6		No	4	n/a	n/a	Yes	5V @ 2A	None	Yes	Flash 16MB	No	Yes	No	Yes	No	Yes		2019 Dec	
Holybro	Kakute F7 HDV	http://bit.ly/2mHJIAS					42	F7	MPU6000	30mm	8	Standard	3S	6S	No	No	No	No		Yes		No	No	6		Gummies	4	n/a	n/a	Yes	5V @ 1.5A	8V@2A	No	SD Card	No	No	BMP280	No	No	Yes	Yes	2019 Dec	
Holybro	Kakute F7 Mini	http://bit.ly/2S02i4W					43	F7	ICM20689	20mm	4	Standard	2S	6S	No	No	No	No		Yes		No	No	5		Gummies	4	n/a	n/a	Yes	5V @ 1A	None	Yes	Flash 16MB	No	No	BMP280	No	No	Yes		2019 Dec	
iFlight	Succex F7 TwinG	http://bit.ly/2sDnZwX					47	F7	ICM20689, ICM20689	30mm	6.2	Standard	2S	6S	No	No	No	No		Yes		No	No	5		Gummies	8	n/a	n/a	Yes	5V	None	Yes	Flash 32MB	No	No	No	No	No	Yes		2019 Dec	
iFlight	SucceX-D F7 TwinG	http://bit.ly/35A0q6W					50	F7	ICM20689, ICM20689	30mm	7.5	Standard	2S	6S	No	No	No	No		Yes		No	No	5		Gummies	4	n/a	n/a	Yes	5V	9V@2.5A	No	Flash 32MB	No	No	No	No	No	Yes	Yes	2019 Dec	
iFlight	SucceX-D F7 Mini	http://bit.ly/34vvJhF					43	F7	ICM20689, ICM20689	20mm		Standard	2S	6S	No	No	No	No		Yes		No	No	5		Gummies	4	n/a	n/a	Yes	5V @ 2.5A	9V@2.5A	No	Flash 32MB	No	No	No	No	No	Yes	Yes	2019 Dec	
iFlight	Succex F4 TwinG	http://bit.ly/2MaD3Jw					40	F4	ICM20689, ICM20689	20mm	6.3	Standard	2S	6S	No	No	No	No		Yes		No	No	5		Gummies	8	n/a	n/a	Yes	5V @ 3A	None	Yes		No	No	No	No	No	Yes		2019 Dec	
iFlight	SucceX-E F4	http://bit.ly/2M8kC8e					28	F4	MPU6000	30mm	7.6	Standard	2S	8S	No	No	No	No		Yes		No	No	5		Gummies	8	n/a	n/a	Yes	5V @ 3A	None	Yes	Flash 8MB	No	No	No	No	No	Yes		2019 Dec	
iFlight	SucceX-E F4 Mini	http://bit.ly/2MaEmYW					28	F4	MPU6000	20mm	4	Standard	2S	6S	No	No	No	No		Yes		No	No	5		Gummies	4	n/a	n/a	Yes	5V @ 2.5A	None	Yes	Flash 8MB	No	No	No	No	No	Yes		2019 Dec	
HAKRC	F405	http://bit.ly/2tvB3oF					25	F4	MPU6000	30mm	6	Standard	3S	9S	No	No	No	No		Yes		No	No	5		Gummies	4	n/a	n/a	Yes	5V @ 2A	9V@2A	Yes	Flash 16MB	No	No	No	No	No	Yes		2019 Dec	
HAKRC	F722	http://bit.ly/2PW1BXH					29	F7	MPU6000	30mm	6	Standard	3S	9S	No	No	No	No		Yes		No	No	5		Gummies	4	n/a	n/a	Yes	5V @ 2A	9V@2A	Yes	Flash 16MB	No	No	No	No	No	Yes		2019 Dec	
GEPRC	Pro F7 Stack	http://bit.ly/2Pxq7zq					90	F7	ICM20689	20mm		Standard	2S	6S	No	No	No	4in1	35	Yes		No	No			Gummies	4	n/a	n/a	Yes	5V @ 3A	None	Yes	Flash 32MB	No	No	No	No	No	Yes		2019 Dec	
GEPRC	F722 Dual	http://bit.ly/2M9ujmG					56	F7	ICM20689, ICM20689	30mm	6.5	Standard	3S	6S	No	No	No	No		Yes		No	No	5		Gummies	8	n/a	n/a	Yes	5V @ 3A	None	Yes	Flash 32MB	No	No	BMP280	No	No	Yes		2019 Dec	
FuriousFPV	Racepit Mini	http://bit.ly/2Mn8lYn					34	F4	MPU6000	20mm		Standard			No	No	No	No		Yes		No	No	6		Gummies	4	n/a	n/a	Yes	5V	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2019 Dec	
JHEMCU	F4	http://bit.ly/2tvKrIU					22	F4	MPU6000	30mm	6.9	Standard	2S	6S	No	No	No	No		Yes		No	No	3		Gummies	6	n/a	n/a	Yes	5V @ 2A	8V@3A	Yes	SD Card	No	No	No	No	No	Yes		2019 Dec	
Diatone	Mamba F722S	http://bit.ly/2ExoECY					40	F7	MPU6000	30mm	22	Standard	3S	6S	No	No	No	No		Yes		No	No	6		Gummies	4	n/a	n/a	Yes	5V @ 2A	9V@2A	Yes	Flash 16MB	No	No	No	No	No	Yes		2019 Dec	
Diatone	Mamba F722 Mini	http://bit.ly/38PXtkD					34	F7	MPU6000	20mm	11	Standard	2S	6S	No	No	No	No		Yes		No	No	6		Gummies	4	n/a	n/a	Yes	5V @ 2A	None	Yes	Flash 16MB	No	No	No	No	No	Yes		2019 Dec	
T-Motor	F4	http://bit.ly/2ExDvNu					40	F4	ICM20602	30mm	7	Standard	2S	8S	No	No	No	No		Yes		No	No	4		Gummies	6	n/a	n/a	Yes	5V @ 2A	None	Yes	Flash 16MB	No	Yes	No	No	No	Yes		2019 Dec	
T-Motor	F7	http://bit.ly/38TlNkj					50	F7	MPU6000	30mm	7.4	Standard	3S	6S	No	No	No	No		Yes		No	No	5		Gummies	6	n/a	n/a	Yes	5V @ 2A	None	Yes	Flash 16MB	No	Yes	No	No	No	Yes		2019 Dec	
T-Motor	F4 HD	http://bit.ly/2Pz0xKp					40	F4	MPU6000	30mm	7	Standard			No	No	No	No		Yes		No	No			Gummies	4	n/a	n/a	Yes	5V @ 2A	10V@2A	No	Flash 16MB	No	Yes	No	No	No	Yes	Yes	2019 Dec	
T-Motor	F7 HD	http://bit.ly/2MnzGz5					53	F7	MPU6000	30mm	8.4	Standard	3S	6S	No	No	No	No		Yes		No	No			Gummies	4	n/a	n/a	Yes	5V @ 2A	10V@2A	No	Flash 16MB	No	Yes	No	No	No	Yes	Yes	2019 Dec	
TransTEC	F7	http://bit.ly/2YYSkIR					34	F7	MPU6000	30mm		Standard	3S	6S	No	No	No	No		Yes		No	No	5		Gummies	4	n/a	n/a	Yes	5V @ 3A	None	Yes	No	No	No	No	No	No	Yes		2019 Dec	
TransTEC	F7 HD	http://bit.ly/2PwRKZg					36	F7	MPU6000	30mm	6	Standard	2S	6S	No	No	No	No		Yes		No	No	4		Gummies	4	n/a	n/a	Yes	5V @ 2A	12V@1.5A	No	No	No	No	No	No	No	Yes	Yes	2019 Dec	
Diatone	Mamba F405 MK2	http://bit.ly/2PW9FYx					49	F4	MPU6000	30mm	16	Stack	3S	6S	No	No	No	4in1	40	Yes		No	No			Gummies	4	n/a	n/a	Yes	5V @ 1.5A	None	Yes	Flash 16MB	Yes	No	No	No	No	Yes		2019 Dec	
Diatone	Mamba F405 MK2 Mini	http://bit.ly/2ExJB0m					39	F4	MPU6000	20mm	11.5	Stack	3S	4S	No	No	No	4in1	20	Yes		No	No			Gummies	4	n/a	n/a	Yes	5V @ 1A	None	Yes	Flash 16MB	Yes	No	No	No	No	Yes		2019 Dec	
CL Racing	F7 Dual Gyro	2-Flight-Controller-2-8S-5					44	F7	ICM20602, ICM20602	30mm		Standard	2S	8S	No	No	No	No		Yes		No	No	6		Gummies	4	n/a	n/a	Yes	5V @ 3A	None	Yes	Flash 32MB	No	No	No	No	No	Yes		2019 Dec	
CL Racing	F7 MPU6000	ht-Controller-2-8S-5V3A-					40	F7	MPU6000	30mm		Standard	2S	8S	No	No	No	No		Yes		No	No	6		Gummies	4	n/a	n/a	Yes	5V @ 3A	None	Yes	Flash 32MB	No	No	No	No	No	Yes		2019 Dec	
Flywoo	Goku F722 Mini	o-F7-Flight-Controller-AIO					35	F7	MPU6000, ICM20689	20mm		Standard	3S	8S	No	No	No	No		Yes		No	No	6		Gummies	6	n/a	n/a	Yes	5V @ 2A	9V@2A	Yes	Flash 16MB	No	No	No	Yes	No	Yes		2019 Dec	
Flywoo	Goku F722 Dual	http://bit.ly/2PDYvJ7					35	F7	MPU6000, ICM20689	30mm	7.3	Standard	3S	8S	No	No	No	No		Yes		No	No	6		No	6	n/a	n/a	Yes	5V @ 2A	9V@2A	Yes	Flash 16MB	No	No	BMP280	Yes	No	Yes		2019 Dec	
Flywoo	Goku F405 Dual	ight-Controller-AIO-OSD-					30	F4	MPU6000, ICM20689	30mm	7.3	Standard	3S	8S	No	No	No	No		Yes		No	No	5		No	8	n/a	n/a	Yes	5V @ 2A	9V@2A	Yes	Flash 16MB	No	No	BMP280	Yes	No	Yes		2019 Dec	
Racerstar	Melo F4 Bluetooth	OSD-BEC-Support-APP-Co					29	F4	MPU6000	30mm	5.9	Standard	2S	8S	No	No	No	No		Yes		No	No	4		No	7	n/a	n/a	Yes	5V @ 2A	10V@2A	Yes	No	No	Yes	BMP280	No	Yes	Yes		2019 Dec	
Racerstar	Taichi	-Flight-Controller-AIO-BE					60	F4	MPU6000	20mm	4.8	Stack	2S	6S		No	No	4in1	40	Yes		No	No			Rubber Standoffs		n/a	n/a		5V @ 2A	None	Yes									2019 Dec	
Racerstar	StarF4_6S	IO-BEC-Current-Sensor-B					69	F4	MPU6000	30mm	17	AIO	2S	6S		No	No	Yes	40	Yes		No	No			No	4	n/a	n/a	Yes	5V @ 3A	None	Yes	No	Yes	No	No	No	No	No		2019 Dec	
Speedybee	F4 AIO V2	-3-6S-Built-in-Bluetooth-					38	F4	MPU6000	30mm	8.8	AIO	3S	6S	Yes	No	No	No		Yes		No	No	3		No	7	No	No	Yes	5V @ 2A	9V@2A	Yes	Flash 16MB	Yes	Yes	No	No	No	No		2019 Dec	
Hobbywing	Xrotor F4 G3	heli_32-DSHOT1200-Bru					105	F4	ICM20602	30mm	21	Stack	3S	6S		No	No	4in1	60	Yes		No	No			Gummies		n/a	n/a	Yes	5V	12V@2A	Yes		Yes					Yes		2019 Dec	
TBS	Powercube V2			ttp://amzn.to/2G9DFNueep.com/products/prod			110	F3	MPU6000	30mm	70		2S	6S	Yes	No	No	Yes	25	Yes		No	No	2	No	No	6		No	Yes	5V	12V	No	No	Yes	No	No	No	No	Yes		2018 April	

Last Update 19/12/ 2019

Report mistakes or missing products: https://goo.gl/forms/n9Ub1kqDX9KTk1BX2

Useful Resources:

How to choose FC?	https://oscarliang.com/best-flight-controller-quad-hex-copter/
FC Firmware	https://oscarliang.com/mini-quad-fc-firmware/
FC Recommendations	https://oscarliang.com/top-5-best-fc-mini-quad/
Differences between F3, F4, F7	https://oscarliang.com/f1-f3-f4-flight-controller/
PID Tuning Explained	https://oscarliang.com/quadcopter-pid-explained-tuning/
Rates and Expo Explained	https://oscarliang.com/rc-roll-pitch-yaw-rate-cleanflight/
FC Soft Mounting	https://oscarliang.com/soft-mounting-fc-motors/
Noise Filtering using Capacitor	https://oscarliang.com/capacitors-mini-quad/

Betaflight Tutorials

Download Betaflight Configurato	https://oscarliang.com/download-betaflight-configurator/
Setup Betaflight the 1st Time	https://oscarliang.com/betaflight-firmware-setup/
Camera Control	https://oscarliang.com/fpv-camera-control-fc/
VTX Control	https://oscarliang.com/vtx-control/
Soft Serial	https://oscarliang.com/betaflight-soft-serial/
ESC Telemetry	https://oscarliang.com/esc-telemetry-betaflight/
Betaflight OSD	https://oscarliang.com/betaflight-osd/
Resource Remapping	https://oscarliang.com/betaflight-resource-remapping/
LUA script - Betaflight Settings	https://oscarliang.com/betaflight-change-pid-vtx-settings-taranis/

Other Spreadsheets

VTX	https://docs.google.com/spreadsheets/d/1YD3765S2pcZbyNis_38R2RCZ7TEfM1q-hvfXmU3pX2E/edit#gid=0
FPV Camera	https://docs.google.com/spreadsheets/d/1SFix5Wn8JDl5O6t0xeb-IngUiH41K2OIkpptk8hzAm4/edit#gid=0
ESC	https://docs.google.com/spreadsheets/d/1SYzJWKTu2vFVL99mt5tQxc2sTiHCXNAEZyGodfy3uE0/edit#gid=0

[1] Note:These product links help support the work that went into creating and updating this spreadsheet. If you make any purchase after clicking one of these links, I will receive a small commission.

[2] Note:These product links help support the work that went into creating and updating this spreadsheet. If you make any purchase after clicking one of these links, I will receive a small commission.

[3] Note:These product links help support the work that went into creating and updating this spreadsheet. If you make any purchase after clicking one of these links, I will receive a small commission.

[4] US$

[5] Micro Controller Unit, the processor

[6] IMU

[7] Mounting holes distance

[8] Advertised weight in gram

[9] AIO: All in One, with built-in PDB
Standard: Non-AIO

[10] Minimum Input Voltage in LiPo Cell Count, or volt

[11] Maximum Input Voltage in LiPo Cell Count, or volt

[12] If Yes, it's either AIO FC, or it's a stack that with 4in1 ESC.
With built-in PDB, the FC can be powered by LiPo battery and it can also power ESC's directly

[13] Continuous current in amp

[14] FC firmware

[15] FC firmware

[16] FC firmware

[17] The available UART's are without inverter. For F4 boards, dedicated UART for SBUS and SmartPort are excluded because a UART with Inverter on F4

boards cannot be used for anything else

[18] All F3 and F7 supports SmartPort natively. F4 requires dedicated inverter, uninverted signal, or Softserial

[19] You can use rubber bobbins if a board doesn't have "built-in" soft mounting
Gummies = Silicone Grommets

[20] 4 outputs allows quadcopter config, 6 outpus allows hexacopter config, and 8 outputs allows octocopter config. Extra motor outputs can also be used for resource remapping and assign them for something else, it's also good to have spare pads on the board in case you damage the copper pads

[21] Only applicable to AIO FC. Dedicated ESC signal ground: Some people care about ESC signal grounds, while others don't. Some claim signal ground can make ESC signal cleaner while others disagree because ESC signal wires are short enough to be a problem. Anyway, you can also just solder the ESC ground to the power ground if a signal ground isn't available on the FC.
"n/a" means FC is intended to be used with 4in1 ESC

[22] Only applicable to AIO FC. Dedicated ESC Telemetry pads at the corners make it easier for soldering. "n/a" indicates the FC is intended to be used with 4in1 ESC

[23] For Spketrum receivers

[24] Onboard Voltage Regulator 1

[25] Onboard Voltage Regulator 2

[26] Built-in OSD chip for Betaflight support

[27] Dedicated i2c pads (SCL/SDA) for external sensors, these are useful for things like long range rigs running iNav so you can connect additional peripherals such as GPS, barometer, compass etc for GPS assisted flights

[28] Built-in Barometer, it's used to measure altitude which is useful for long range multirotors running iNav and GPS assisted flights

[29] Dedicated pin for camera control, for changing FPV camera settings from TX. It usually has built-in resistor and capacitor

[30] DAC pin for Camera Control (a future feature)

[31] Plug and play with DJI FPV system (air unit)